#### 2. Before the Count

Using the ATDB to Register Location, Users and Automated Counters



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- For questions about the database and this presentation contact atdb@scag.ca.gov

#### **Suggested Technology**



It is recommended that users utilize Google Chrome, Firefox, or Safari when using the ATDB. Internet Explorer has limited functionality.

#### **Welcome to the ATDB**





**Active Transportation Database** 

MAP AND EXPORT DATA

Contact Us Log In Register

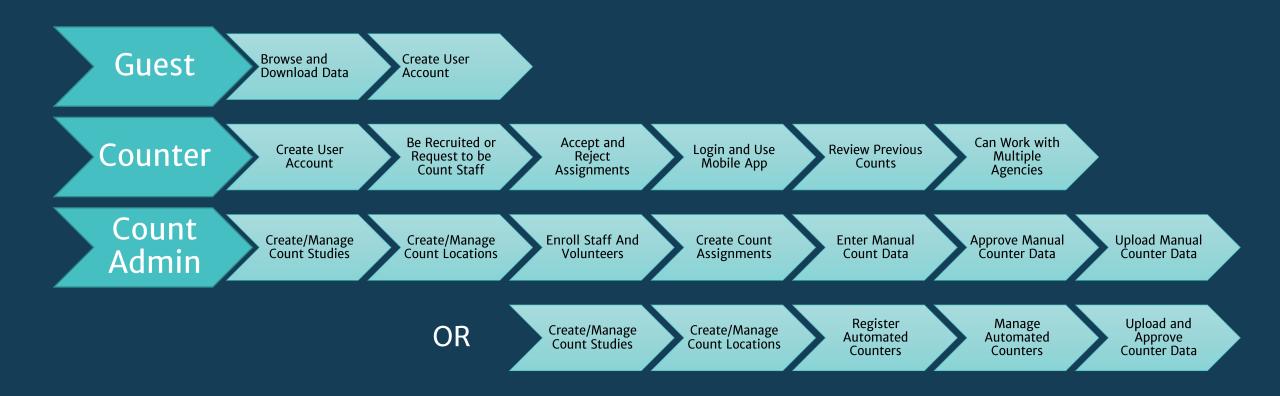
Tutorials Home About



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#### **User Roles and Permissions**





#### **Conceptualizing Data Input – Manual Counts**





Each counting effort should be entered into the database as a separate study.

**EXAMPLE: 2017 Los Angeles City Bicycle Counts** 



A Study may have one or more Locations where counts will be taken. EXAMPLE: 7<sup>TH</sup> St. between Figueroa and Flower. Locations may be listed under a different agency; it is ok to use locations under different agencies; do not create duplicate locations.



Count Assignments Each Location may have one or more count assignments. EXAMPLE: Tuesday 7:00-9:00 AM & Tuesday 5:00-7:00 PM.

The location must exist in the ATDB **before** an assignment is created.



Each Count Assignment will be assigned a Human Counter to complete the count for that time period or will be associated with an Automated Counter so that data can be loaded either through an individual file or from an API with a web service. Human Counters must be recruited before an assignment is created. Automated Counters must be registered before data can be uploaded.

#### **Conceptualizing Data Input – Automated Counts**





Follow the Manual Set Up Process for the following items: 1) Agency, 2) Study, and 3) Locations See Previous Slide



The ATDB can support counts from either Portable or Permanent devices. Upon completing the registration SCAG (<u>ATDB@scag.ca.gov</u>) will be alerted and complete the registration of the new counter. Please allow 2 weeks for registration process. You will receive an email once it is complete.



Each device allows Count Admin to manage the following actions: <a href="Permanent: Add Maintenance Record">Permanent: Add Maintenance Record</a>, Relocate Installation, Activate/Deactivate

<u>Portable:</u> Add Maintenance Record, Activate/Deactivate, Load New Count, Load Repeat of Prior Count



Users will review data from both permanent and portable counters prior to uploading the data to the system.

#### **ATDB Workflow**





#### **Actions to be Completed Before Manual Count Study**



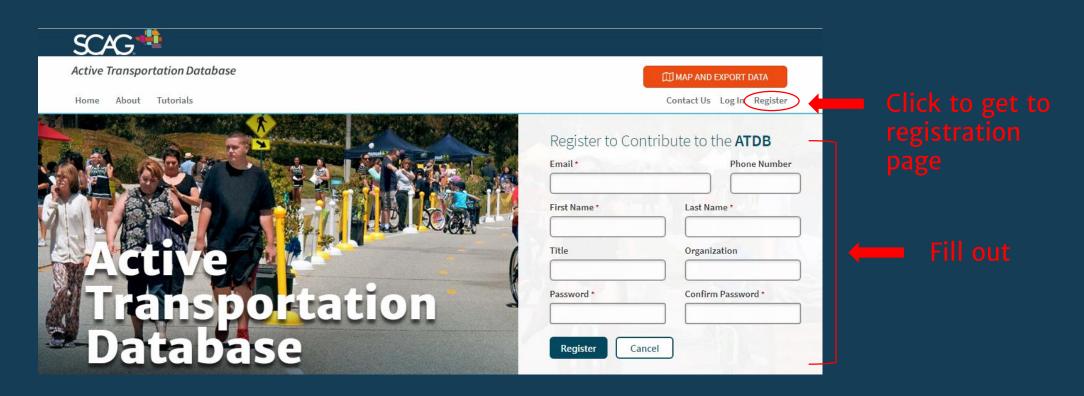
- Counter mobile app
  - ☐ Register prior to the Count Study
  - ☐ Offer Help to the Agency
- Count Admin
  - ☐ Create Account and Register New Agency
    - Allow time for SCAG Approval Process
  - ☐ Create New Study
  - ☐ Create Locations
  - □ Manage Agency Count Staff
    - Invite registered Counters to Participate in Agency Count Study (if email is known)
  - Optional: Create additional Counter Accounts and register them to your agency

Registration process may take up to two weeks





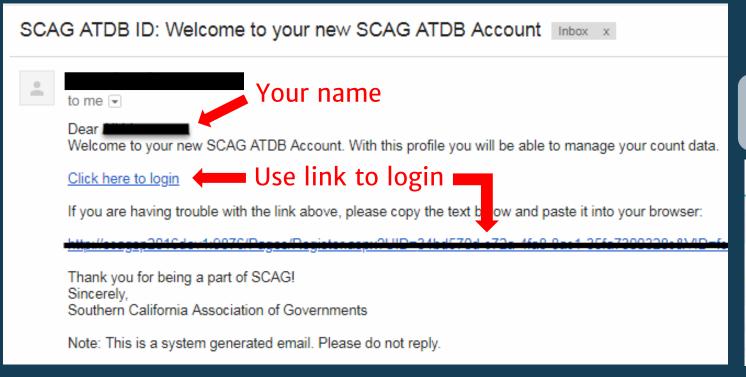
- Go to http://atdb.scag.ca.gov
- Click 'Register' in top right corner
- Register using your name and email, create a password

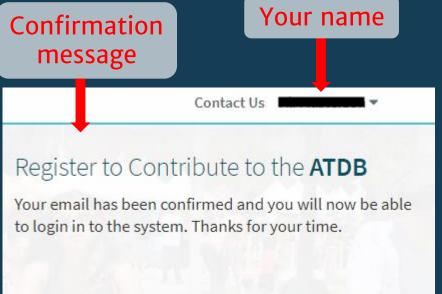


#### 1. Create an Account



- You will receive an email from SCAG with a confirmation link that will enable you to login to the system.
- Using the link will confirm your email and allow you to use the ATDB.







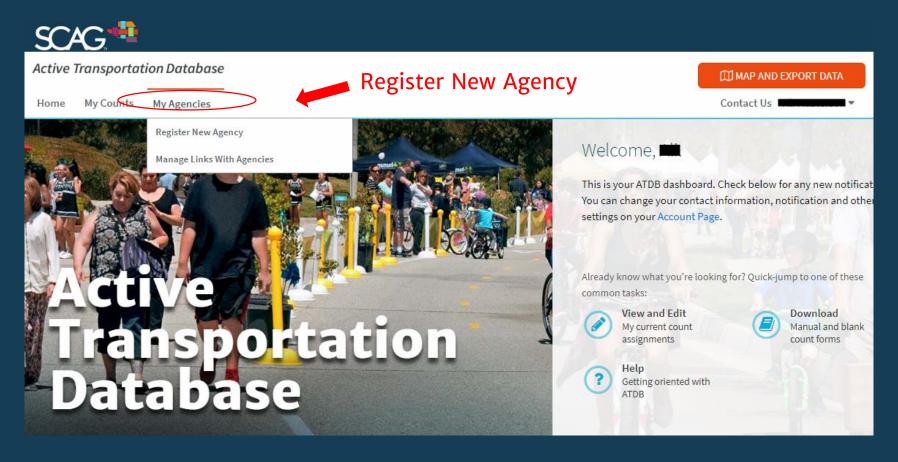


- If you are registering with the ATDB as a Counter, skip to Slide 15:
   "3. Become a Counter"
- If you are registering with the ATDB as a Count Admin for an Agency, proceed to the next slide.





- · If your agency is already registered in the ATDB, ask a Count Admin to make you a Count Admin.
- If you are adding a new agency to the ATDB, go to 'My Agencies' and select 'Register New Agency'.
- If you are unsure if your agency is registered and/or who is a Count Admin, contact atdb@scag.ca.gov







- To register a new agency and become a Count Admin, fill in the required information and click 'Register' button
- The System Admin (SCAG) will manually approve your Agency and make you a Count Admin
  - (Please allow approximately 2 weeks for the approval process)

SCAG.		
Active Transportation Database		
Home My Counts My Agencies		
Home / My Agencies / Register New Agenc	у	
Register New Agency		
* indicates a required field		
Agency Name *		
Agency Type *	Other	•
Street Address		
City		
ZIP Code		
Phone Number *		
Email		
Website		
Register Cancel		

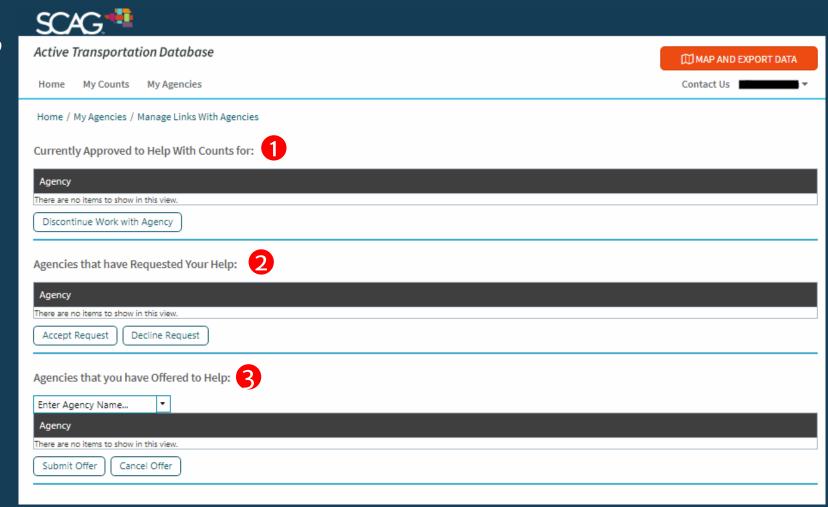




To work with agencies as a Counter, go to 'My Agencies' and select 'Manage Links With Agencies'

#### You may:

- Manage existing links with Agencies
- Respond to Requests from Agencies
- Offer to Help Agencies that are registered in the ATDB

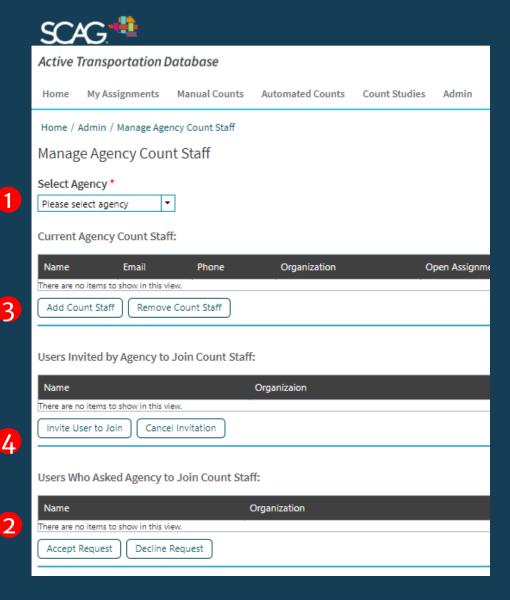


#### 4. Recruit and Manage Count Staff (1 of 3)



Before creating a count assignment, Count Admins must manage Count Staff

- Go to 'Admin' and select the 'Manage Agency Count Staff' subtab
- Select agency
- Review (Accept/Decline) users who requested to join Count Staff
- Recruit Count Staff by clicking:
  - 'Add Count Staff' button or
  - 4 'Invite User to Join' button



#### 4. Recruit and Manage Count Staff (2 of 3)



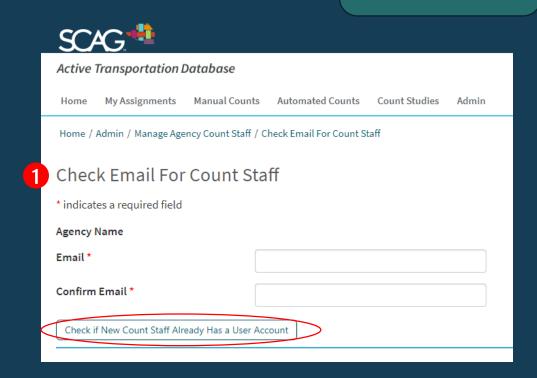
Check to see if user is already registered

User is Registered

Invite to be part of Count Staff

User is NOT Registered Fill out contact information

Wait for New User to respond to Welcome Email



SC	SCAG.***				
Active	Active Transportation Database				
Home	My Assignments	Manual Counts	Automated Counts	Count Studies	Admin
Home / Admin / Manage Agency Count Staff / Check Email For Count Staff					
The Email You Entered Matches an Existing User in the System The user is currently enrolled in: SCAG  Invite Count Staff					
Check Email For Count Staff					
* indicates a required field					
Agency	Name				
Email *					
Confirm	ı Email *				
Check if New Count Staff Already Has a User Account					

#### 4. Recruit and Manage Count Staff (3 of 3)



Check to see if user is already registered

User is Registered

Invite to be part of Count Staff

User is NOT Registered Fill out contact information

Wait for New User to respond to Welcome Email\*

SCAG.

Active Transportation Database			
Home My Assignments Manual Coun	ts Automated Counts	Count Studies	Admin
Home / Admin / Manage Agency Count Staff	/ Check Email For Count S	taff	
Check Email For Count S	taff		
* indicates a required field			
Agency Name			
Email *			
Confirm Email *			
Check if New Count Staff Already Has a User Account			

\*Welcome Email may take a few hours pass firewalls.

2	Home / Add New Count Staff	
7	Add New Count Staff	
	*indicates a required field	
	Agency Name	
	Email	
	First Name *	
	Last Name *	
	Orgnization	
	Title	
	Phone Number	
	Create and Enroll New Count User	

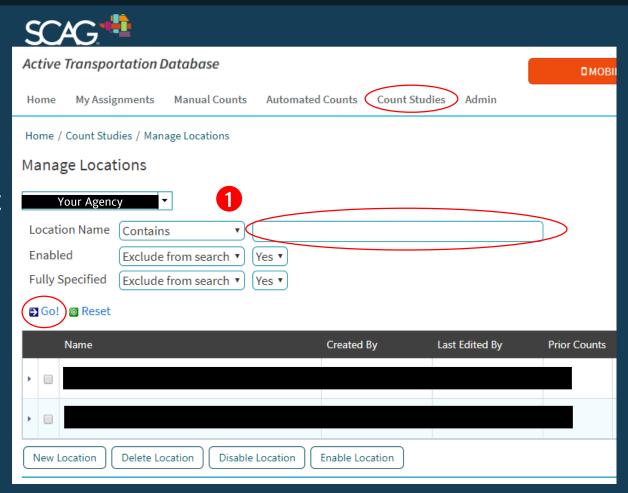


#### 5. Location Management: Review Existing Locations (1 of 2)

- Go to 'Count Studies' and select 'Manage Locations' subtab
- Check to see if the location is already in the database by:
  - conducting search queries and select 'Go!'

or

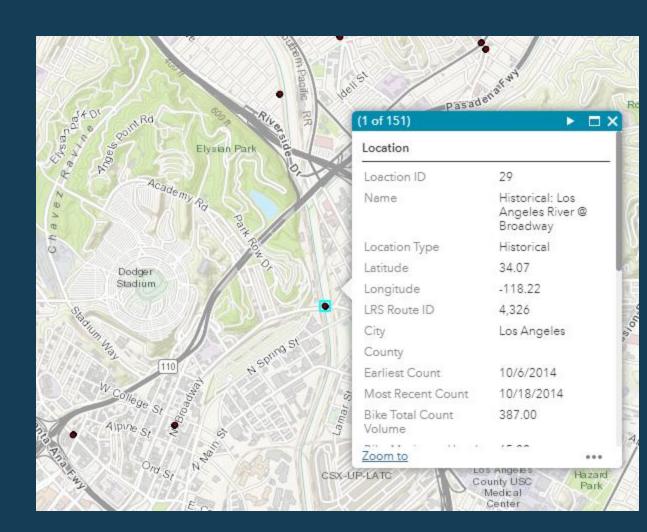
- using the online map (more information on next slide)
- If location exists, you do not need to create a new location, even if it was created by another agency. Enter next location or skip to Slide 27.
- If location does not exist, proceed to Slide 20.





#### 5. Location Management: Review Existing Locations (1 of 2)

- Go the Map by
  - 1. following the pop-up prompted by the "New Location" button or –
  - 2. Clicking Here
- Review via ESRI online platform
  - Access the Map to look for your location
  - Click nearby existing Count points to confirm specific location data





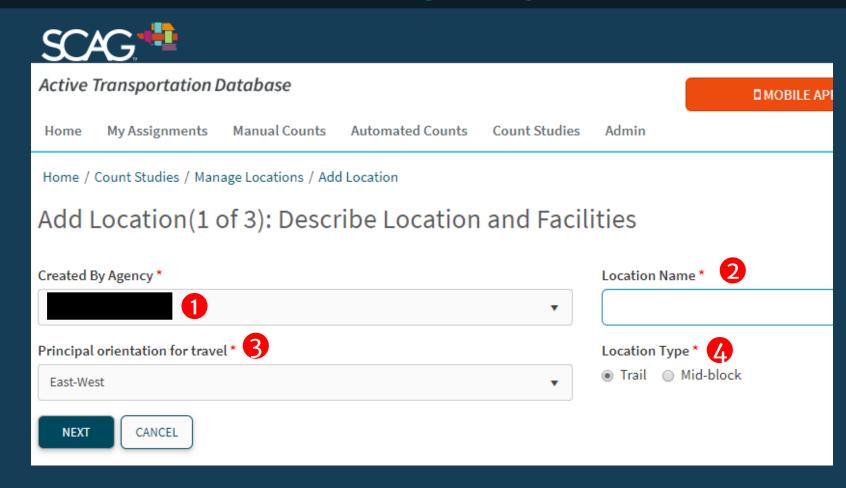
#### 5. Location Management: Create New Locations (1 of 6)

# Add Location (1 of 3): Describe Location and Facilities

- Select agency creating the location by using the dropdown menu
- 2 Assign a name to the location

EX: 7<sup>TH</sup> St. between Figueroa and Flower

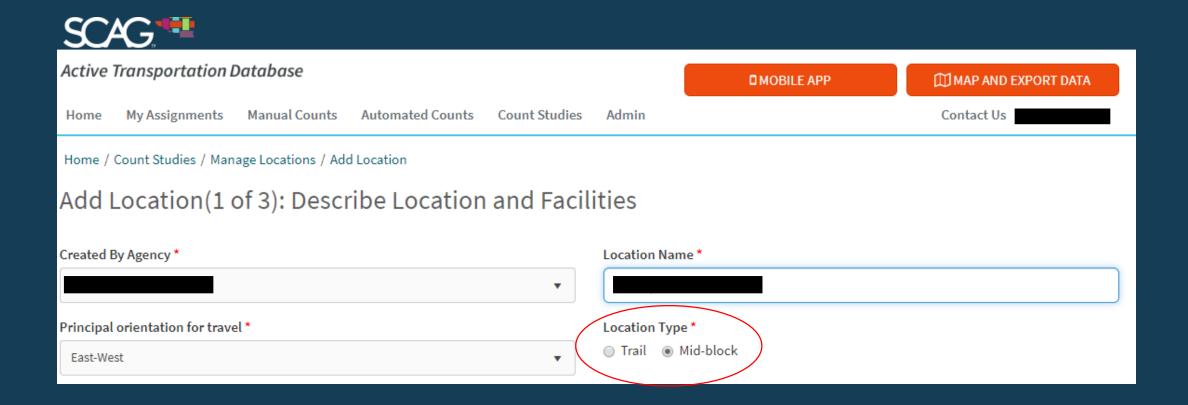
- Select principal orientation for travel using dropdown menu
- Select location type: mid-block or trail





#### 5. Location Management: Create New Locations (2 of 6)

- If you selected Mid-block as Location Type, the Add Location (1 of 3): Describe Location and Facilities page will expand
- If you selected Trail as Location type, skip the next slide

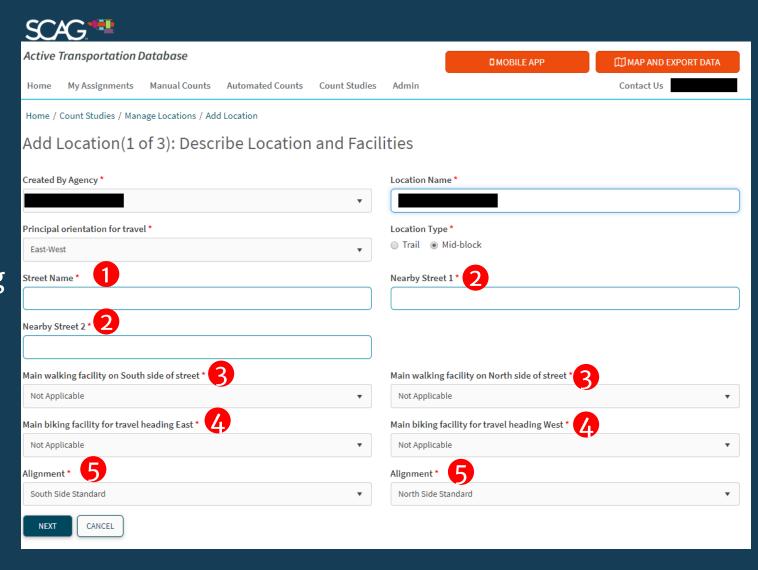




#### **5. Location Management: Create New Locations (3 of 6)**

Fill in required fields describing the mid-block location, including:

- Name of street the count will be performed on
- 2 Name of the two nearest streets that intersect with street where count is occurring
- Main walking facility types for both sides of the street, using the dropdown menu
- 4 Main biking facility types for both sides of the street, using the dropdown menu
- 5 Biking facility alignments for both sides of the street, using the dropdown menu

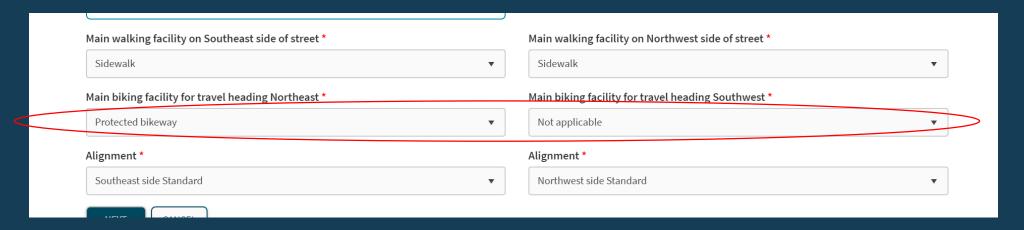


## 5. Location Management: Create New Locations (4 of 6) One Way Streets



#### For One Way Locations with bicycle facilities:

- Select the proper facility type for the proper direction of travel.
- For wrong way direction select 'Not Applicable.'



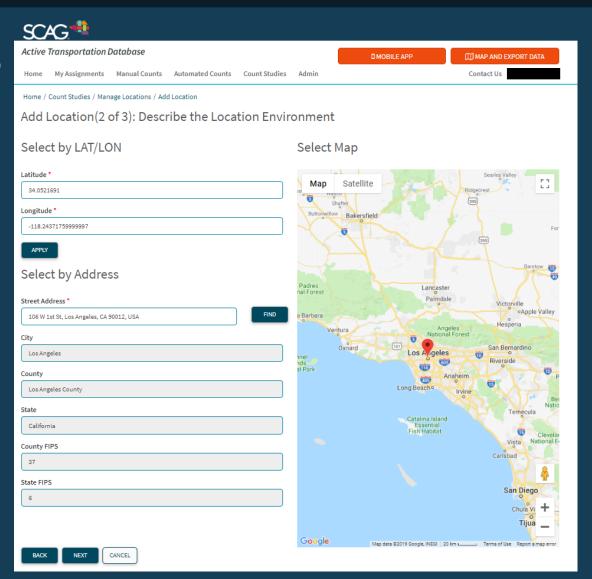
#### For One Way Locations with no bicycle facilities:

- Select 'General Traffic' for direction of travel.
- Select 'Not Applicable' for wrong way direction.



#### **5. Location Management: Create New Locations (5 of 6)**

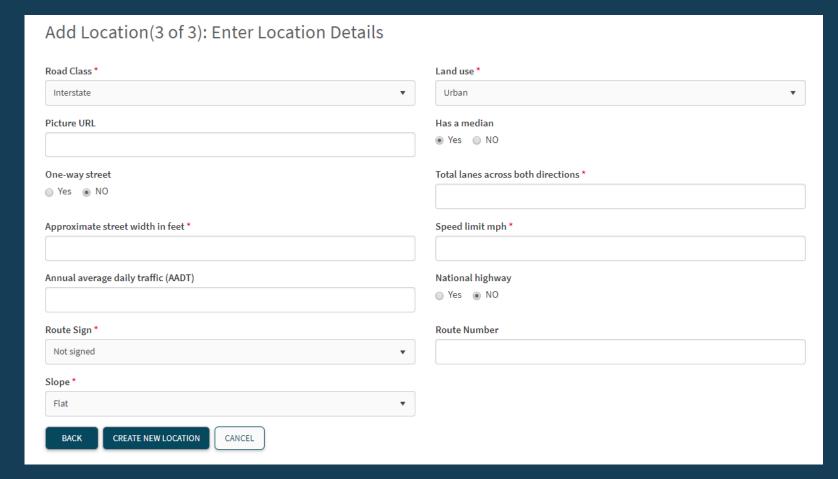
- Add Location (page 2 of 3): Describe the Location Environment
- Select location on the map or by entering the street address
- The other fields will auto-populate, double check for accuracy





#### **5. Location Management: Create New Locations (6 of 6)**

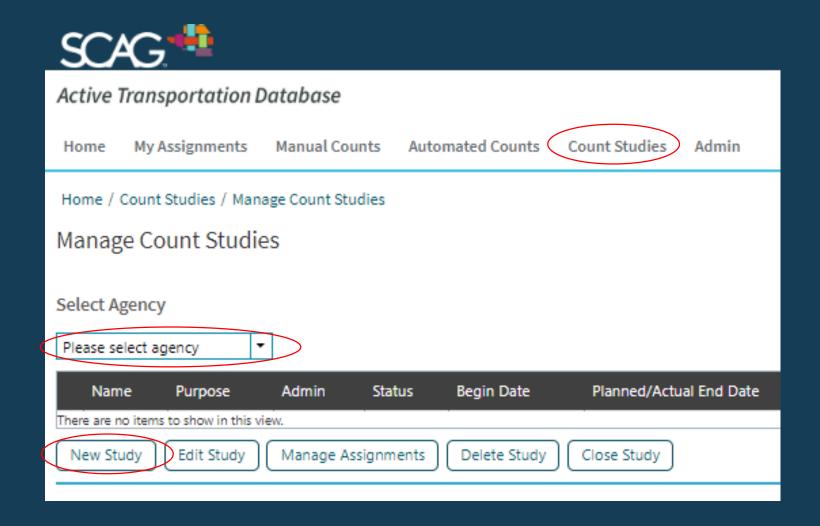
- Enter Location Details
- For street width estimates (if unknown) use Google Earth or other measuring software for best guess







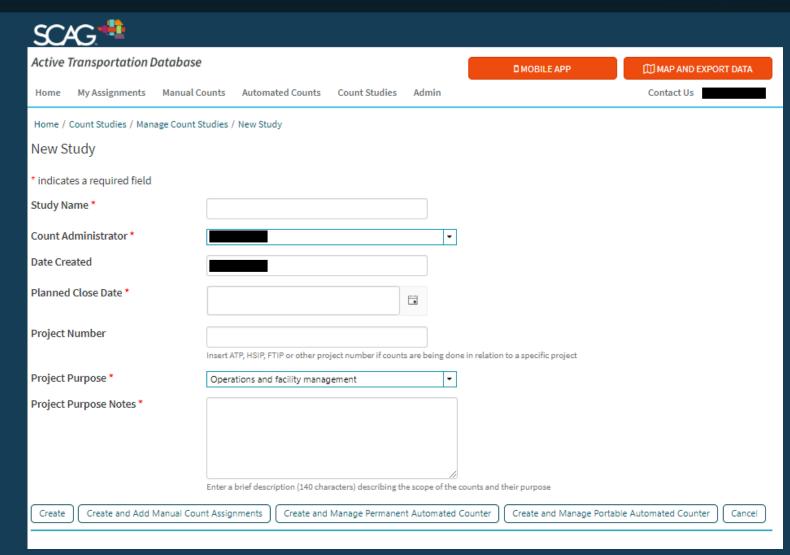
- Count Admins create studies
- Go to 'Count Studies' and select 'Manage Count Studies' subtab
- Select an agency from dropdown menu and click on 'New Study' button







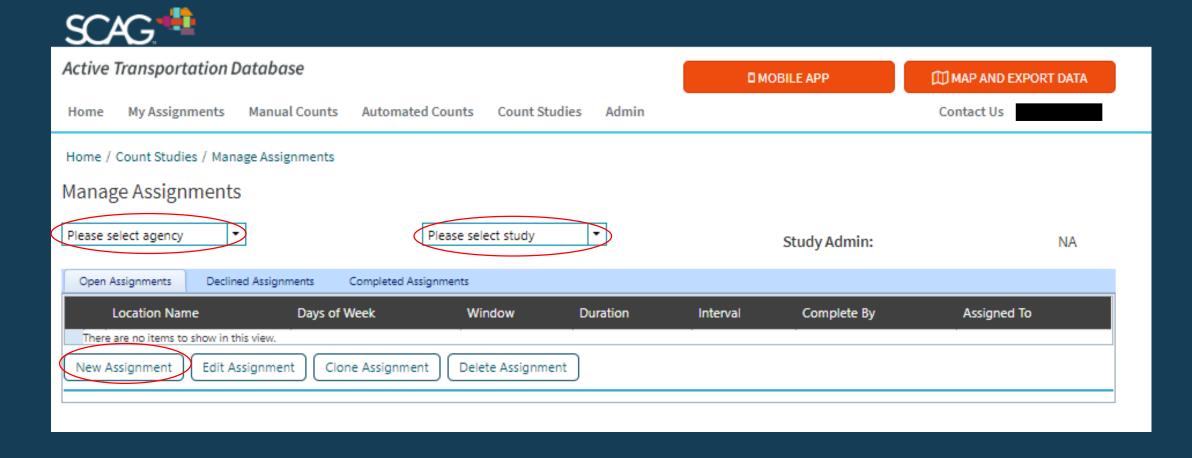
- Fill in the required fields
- Click the 'Create' button to finalize
- Or click the following buttons to jump straight to managing the associated assignments
  - 'Create and Add Manual Count Assignments'
  - 'Create and Manage Permanent Automated Counter'
  - 'Create and Manage Portable Automated Counter'







- Go to 'Count Studies' and select 'Manage Assignments' subtab
- Select agency and study, then click on 'New Assignment' button

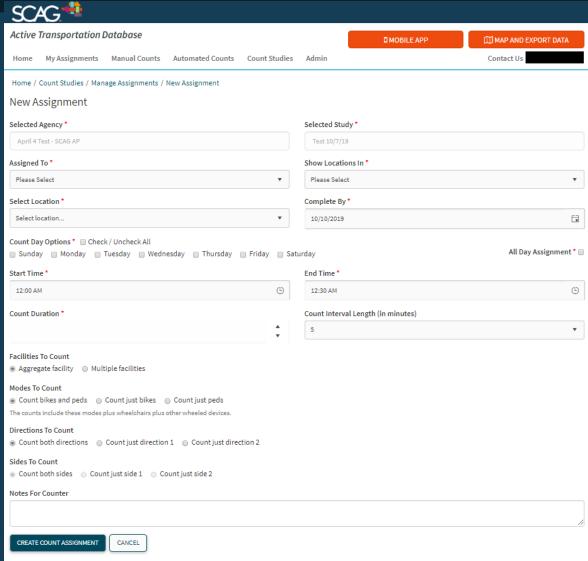




#### 7. Create Assignments

Fill out required assignment information, including:

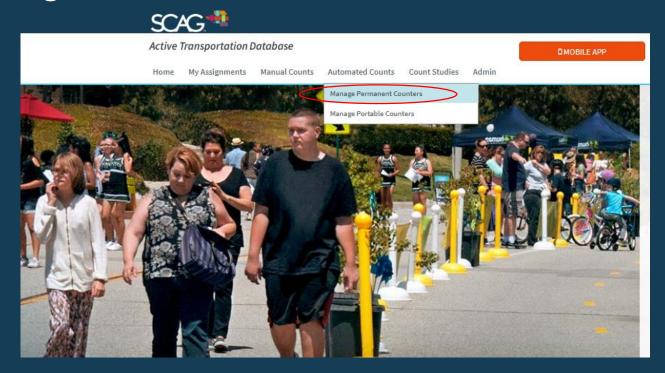
- Assigned to
- Location
- Completed by
- Days of the week
- Start and end time
- Count duration
- Count interval length
- Facilities to count
- Modes to count
- Directions to count
- Sides to count
- Notes for the counter
- Click 'Create Count Assignment' and you will be directed back to 'Manage Assignments' page where your new assignment will appear under the agency you created it in



#### 8. Adding Automated Counters: Permanent (1 of 4)



- Go to 'Automated Counts'
- Select 'Manage Permanent Counters'\*

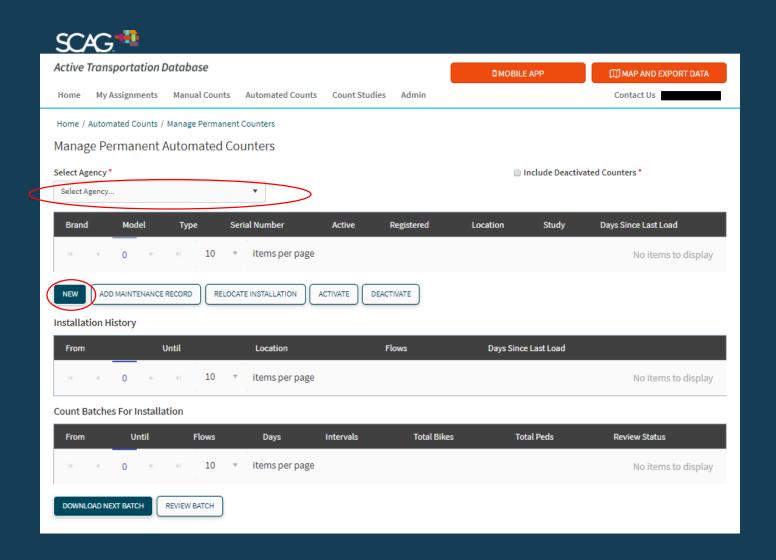


\*Currently SCAG has only developed an API with the Eco-Counter brand for Permanent Counters but will be expanding connections to additional brands in the future. If you have a different counting technology with a cloud based application that you would like SCAG to upload data from please contact the system administrator at <a href="mailto:atdb@scag.ca.gov">atdb@scag.ca.gov</a>.





- Select 'Agency'
- Click 'New' to add a new permanent automated counter



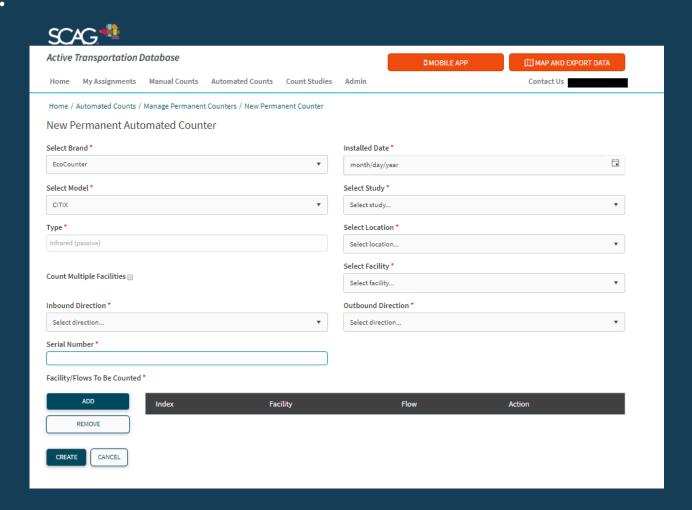
#### 8. Adding Automated Counters: Permanent (3 of 4)



#### Fill out the required fields, including:

- Brand
- Model
- Installed Date (Cannot be a future date)
- Study
- Location
- Facility
- Inbound/Outbound Direction\*
- Serial Number

\*Inbound and outbound directions are defined by EcoCounter for each device upon setup and need to match the directions of the flows being connected to.

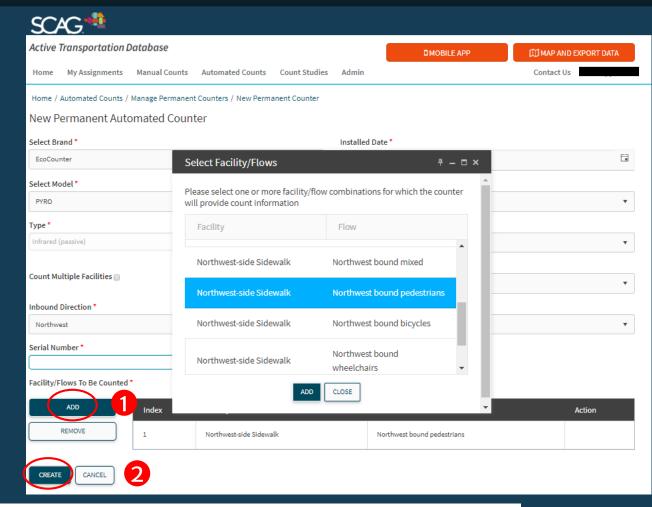






- 1 Click 'Add' to add Facility/Flows to be counted (Not all combinations presented may be valid)
- Click 'Create'
- 3 SCAG will be alerted of the request to add a permanent automated counter. Please allow time for approval process.
- 4 If the Facility/Flows are not valid, an error message will appear after clicking 'Create'

Need to update with new text



New Permanent Automated Counter

4

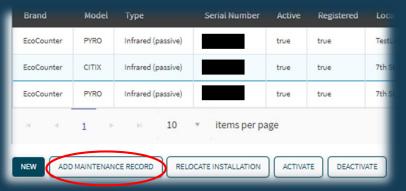
does not support the travel mode of the flow: Southeast bound wheelchairs.

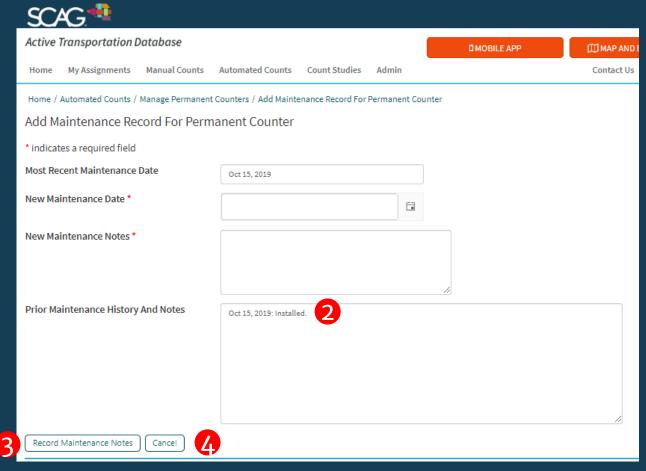




Select Counter and Click 'Add Maintenance Record' on "Manage Permanent Automated Counters" page

- Installation Date will automatically be populated when Counter is created
  - Fill out required fields
- Click 'Record Maintenance Notes'
- To only review maintenance record, click 'Cancel' to avoid making changes to the record

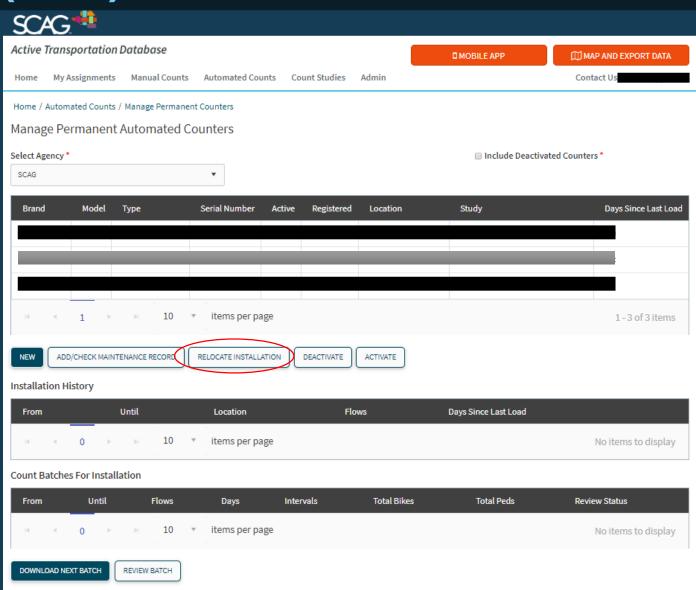




#### 8. Relocate Permanent Counter (1 of 2)

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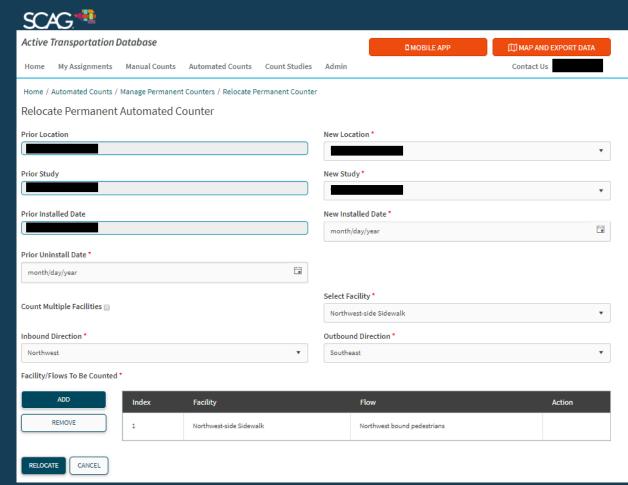
- Select Counter
- Click 'Relocate Installation'







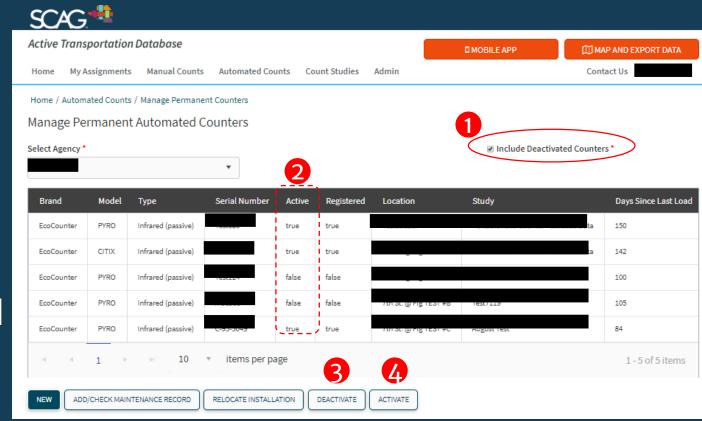
- Current data will be on the left and labeled as "Prior..."
- Fill out the required fields including adding Facility/Flows to be Counted
  - A new study will need to be created before relocation if the counter will not be used for the same study
  - Counters can be relocated and used in the same study if necessary
- Click 'Relocate' to complete
- Maintenance Record will be updated to reflect new location automatically



#### 8. Deactivate/Activate Permanent Counters



- To display all registered permanent counters, select 'Include Deactivated Counters'\*
- The 'Active' column will indicate the status of the counter
- To deactivate a counter, click the row to select the device and click the 'Deactivate' button
- To activate a counter, click the row to select the device and click the 'Activate' button

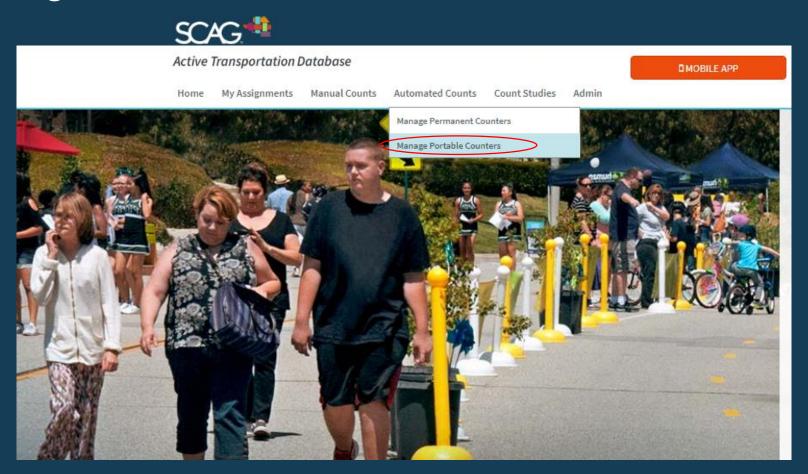


<sup>\*</sup>Deactivated counters include counters that will no longer be used or counters that are still installed but no longer collecting data.





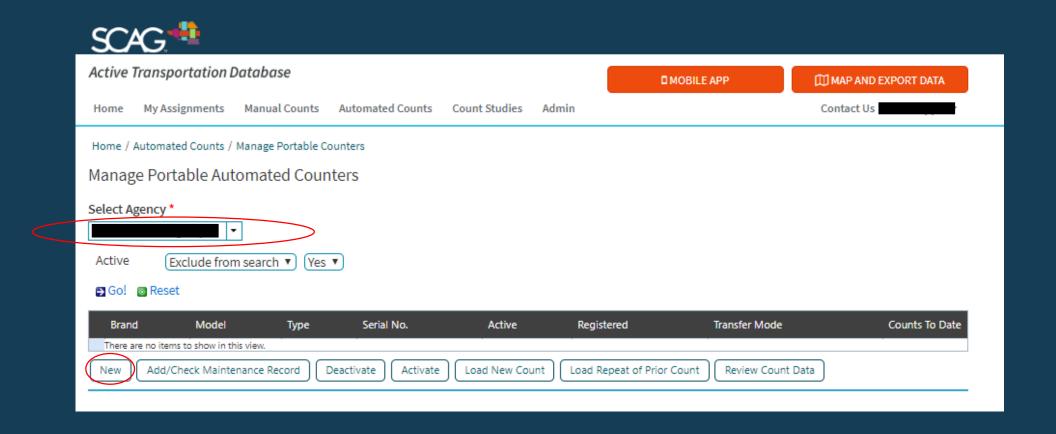
- Go to 'Automated Counts'
- Select 'Manage Portable Counters'







- Select 'Agency'
- Click 'New' to add a new portable automated counter

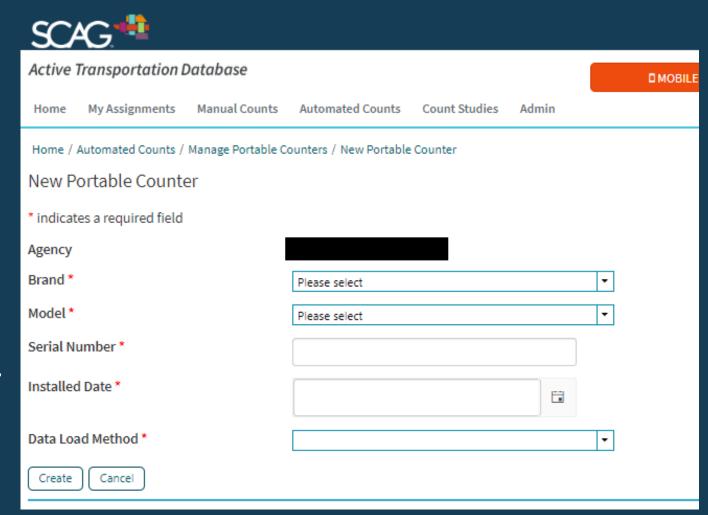






#### 9. Adding Automated Counters: Portable (3 of 3)

- Fill out the required fields, including:
  - Brand
  - Model
  - Serial Number
  - Installed Date
    - Cannot be a future date
  - Data Load Method
- SCAG will be alerted of the request to add a portable automated counter.
   Please allow time for approval process.



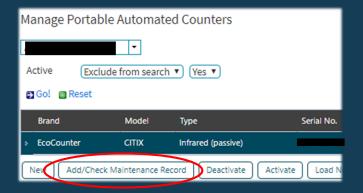
#### 9. Add Maintenance Record - Portable Counter

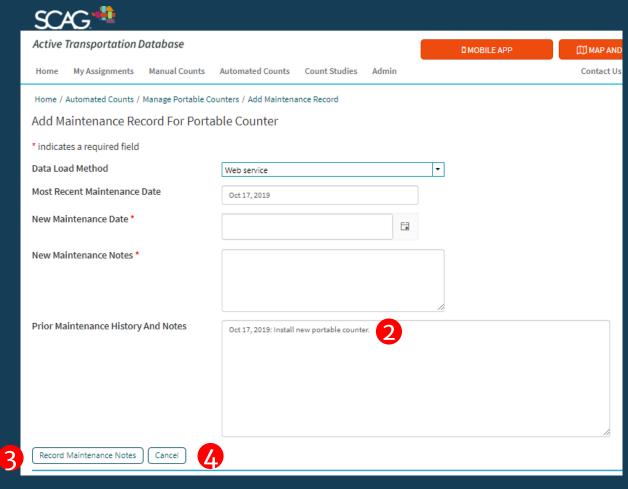


Select Counter and Click 'Add/Check Maintenance Record' on "Manage Portable Automated Counters" page

2 Installation Date will automatically be populated when Counter is created

- Fill out required fields
- Click 'Record Maintenance Notes'
- To only review maintenance record, click 'Cancel' to avoid making changes to the record

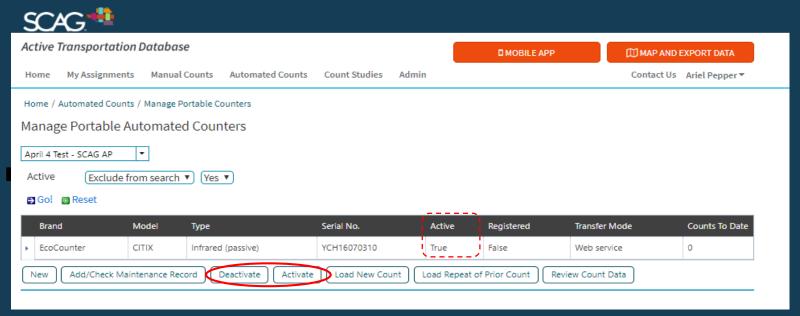








- The 'Active' column will indicate the status of the counter
- To deactivate\* a counter, click the row to select the device and click the 'Deactivate' button
- To activate a counter, click the row to select the device and click the 'Activate' button



\*Deactivated counters include counters that will no longer be used or counters that are still installed but no longer collecting data.

### **Thank You**



atdb@scag.ca.gov

www.scag.ca.gov